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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L16	arlacel and (modif\$ near clay) and 135	18
<input type="checkbox"/>	L15	(arlacel adj p135) and (modif\$ near clay)	2
<input type="checkbox"/>	L14	arlacel and (modif\$ near clay)	64
<input type="checkbox"/>	L13	p135 same (modif\$ near clay)	0
<input type="checkbox"/>	L12	arlacel same (modif\$ near clay)	0
<input type="checkbox"/>	L11	L7 same (modif\$ near clay)	0
<input type="checkbox"/>	L10	L7 same (modif near clay)	0
<input type="checkbox"/>	L9	L7 same (modifie\$ near clay)	0
<input type="checkbox"/>	L8	L7 same (clay or bentonite\$)	3
<input type="checkbox"/>	L7	(arlacel adj p135)	84
<input type="checkbox"/>	L6	L4 and (hydrostearate or polyethyleneglycol or (polyethylene adj glycol) or polyethylene\$glycol of (trimethycyclohexyl adj isocyanate))	16
<input type="checkbox"/>	L5	L4 and hydrostearate or polyethyleneglycol or (polyethylene adj glycol) or polyethylene\$glycol of (trimethycyclohexyl adj isocyanate)	968481
<input type="checkbox"/>	L4	L2 and clay\$	61
<input type="checkbox"/>	L3	L2 and thickener\$	16
<input type="checkbox"/>	L2	sengupta.in. or mcgregor.in. or spindler.in.	3593
<input type="checkbox"/>	L1	4208218.pn.	2

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END OF SEARCH HISTORY

uniqema



European product range
Uniqema Personal Care

Product	INCI
ARLACEL™ 165FL	Glyceryl Stearate, PEG-100 Stearate
ARLACEL™ 165VP	Glyceryl Stearate, PEG-100 Stearate
ARLACEL 1689	Sorbitan Oleate, Polyglyceryl-3 Polynicotinate
ARLACEL 1690	Sorbitan Isostearate, Polyglyceryl-3 Polynicotinate
ARLACEL 186NL	Glyceryl Oleate, Propylene Glycol
ARLACEL 481V	Sorbitan Oleate, Hydrogenated Castor Oil, Beeswax, Stearic Acid
ARLACEL 582	Sorbitan Isostearate, PEG-2 Hydrogenated Castor Oil, Ozokerite, Hydrogenated Castor Oil
ARLACEL 60V	Sorbitan Stearate
ARLACEL 780	Proprietary Blend
ARLACEL 83V	Sorbitan Sesquioleate
ARLACEL 986	Sorbitan Isostearate, Hydrogenated Castor Oil, Cera Alba, Stearic Acid
ARLACEL 987	Sorbitan Isostearate
ARLACEL 989	PEG-7 Hydrogenated Castor Oil
ARLACEL P-135	PEG-30 Dipolyhydroxystearate
ARLAMOL™ CER-30	Isostearic Acid, Glyceryl Oleate, PPG-15 Stearate, Ceramide III, PEG-30 Dipolyhydroxystearate
ARLAMOL E	PPG-15 Stearyl Ether
ARLAMOL GEO	Propagermanium
ARLAMOL HD	Isohexadecane
ARLASILK™ PHOSPHOLIPID EFA	Linoleamidopropyl PG-Dimonium Chloride Phosphate
ARLASILK PHOSPHOLIPID GLA	Sodium Borageamidopropyl PG-Dimonium Chloride Phosphate
ARLASILK PHOSPHOLIPID PLN	Linoleamidopropyl PG-Dimonium Chloride Phosphate Dimethicone
ARLASILK PHOSPHOLIPID PTC	Cocamidopropyl PG-Dimonium Chloride Phosphate
ARLASOLVE™ 200	Isoceteth-20
ARLASOLVE 200 LIQUID/GEL	Isoceteth-20
ARLASOLVE 200N	Isoceteth-20
ARLASOLVE DMI	Dimethyl Isosorbide
ARLATONE™ 2121	Sorbitan Stearate, Sucrose Cocotate
ARLATONE 970	Polysorbate 20, PEG-25 Hydrogenated Castor Oil, Propylene Glycol
ARLATONE 975	PEG-15 Hydroxystearate, PEG-54 Hydrogenated Castor Oil, Propylene Glycol
ARLATONE 983	Glyceryl Stearate, PEG-30 Stearate
ARLATONE 995	Steareth-2, PEG-8 Distearate
ARLATONE DIOIC DCA	Octadecenedioic Acid
ARLATONE DUO	Disodium Lauryl Sulfosuccinate, Sodium Cocyl Isethionate, Zea Mays, Cetearyl Alcohol, Aqua, Hydrogenated Castor Oil, Glycinn, Titanium Dioxide
ARLATONE G	PEG-25 Hydrogenated Castor Oil
ARLATONE LC	Sorbitan Stearate, Sorbityl Laurate

Product	INCI
ARLATONE MAP-160K	Potassium Cetyl Phosphate
ARLATONE MAP-230K-40	Potassium C12-13 Alkyl Phosphate
ARLATONE MAP-230T-60	TEA C12-13 Alkyl Phosphate
ARLATONE TV	PEG-40 Sorbitan Peroleate
ARLATONE V-100	Steareth-100, Steareth-2, Glyceryl Stearate Citrate, Sucrose, Mannan, Xanthan Gum
ARLATONE V-175	Sucrose Palmitate, Glyceryl Stearate, Glyceryl Stearate Citrate, Sucrose, Mannan, Xanthan Gum
ATLAS™ G-1066	PEG-40 Sorbitol Hexaoleate
ATLAS G-1096	PEG-50 Sorbitol Hexaoleate
ATLAS G-1300	PEG-200 Castor Oil
ATLAS G-1726	PEG-20 Sorbitan Beeswax
ATLAS G-2145	PEG-6 Stearate
ATLAS G-2330	Sorboth-30
ATLAS G-4280	PEG-60 Sorbitan Laurate
ATLAS G-4629	Laureth-9
BRIJ™ 30V	Laureth-4
BRIJ 35P	Laureth-23
BRIJ 52	Ceteth-2
BRIJ 58P	Ceteth-20
BRIJ 700P	Steareth-100
BRIJ 72	Steareth-2
BRIJ 721P	Steareth-21
BRIJ 76	Steareth-10
BRIJ 78P	Steareth-20
BRIJ 92V	Oleth-2
BRIJ 96V	Oleth-10
BRIJ 98V	Oleth-20
ESTASAN™ 3575	Caprylic/Capric Triglyceride
ESTOL™ 1461	Glyceryl Stearate SE
ESTOL 1474	Glyceryl Stearate
ESTOL 1512	Isopropyl Myristate
ESTOL 1517	Isopropyl Palmitate
ESTOL 1526	Propylene Glycol Dicaprylate/Dicaprate
ESTOL 1540	Ethylhexyl Cocoate
ESTOL 1543	Ethylhexyl Palmitate
ESTOL 3609	Triethylhexanoin
ESTOL 3650	Glyceryl Myristate
ESTOL 3660	Ethyl Oleate

Product	INCI
ESTOL 3724	PEG-8 Distearate
ESTOL 3751	PEG-6 Beeswax
ESTOL 3752	PEG-8 Beeswax
FORESTALL™	Soyethyl Morpholineum Ethersulfate
HYPERMER™ LP-1	Polyhydroxystearic Acid
MONALAC™ ML	Milk Lipid
MONAMID™ 972	Stearamide MEA
MONAMID CMA	Cocamide MEA
MONAQUAT™ SIES	Isostearyl Ethylimidazolium Ethosulfate
MONAQUAT SI-5	Dihydroxypropyl PEG-5 Linoleammonium Chloride
MONASIL™ PCA	PCA Dimethicone
MONATERIC™ 1023	Sodium Lauroampho PG Acetate
MONATERIC 949J	Disodium Lauroamphodiacetate
MYRJ™ 45	PEG-8 Stearate
MYRJ 49P	PEG-20 Stearate
MYRJ 52	PEG-40 Stearate
MYRJ 59P	PEG-100 Stearate
PRIGERINE™ 9079	Glycerin – tallow
PRIGERINE 9081	Glycerin – tallow
PRIGERINE 9083	Glycerin – tallow
PRIGERINE 9090	Glycerin – vegetable
PRIGERINE 9091	Glycerin – vegetable EP/USP
PRIGERINE 9093	Glycerin – vegetable EP/USP kosher
PRIGERINE 9094	Glycerin 85% - vegetable EP
PRIGERINE 9095	Glycerin 99.5% - vegetable EP/USP
PRIFAC™ 5900	Partially hydrogenated topped coconut fatty acid
PRIFAC 7901	Coconut Acid
PRIFAC 7904	Coconut Acid
PRIFAC 7907	Coconut Acid
PRIFAC 7908	Palm Kernel Acid
PRIFRAC™ 2901	Caprylic Acid
PRIFRAC 2906	Capric Acid
PRIFRAC 2912	Caprylic/Capric Acid
PRIFRAC 2920	Lauric Acid
PRIFRAC 2922	Lauric Acid
PRIFRAC 2942	Myristic Acid
PRIFRAC 2950	C14-C18 Fatty Acid
PRIFRAC 2960	Palmitic Acid
PRIFRAC 2962	Palmitic Acid

Product	INCI
PRIFRAC 2980	Stearic Acid
PRIFRAC 2981	Stearic Acid
PRIFRAC 2989	Behenic Acid
PRIFRAC 2990	Erucic Acid
PRIOLENE 6907	Oleic Acid
PRIOLENE 6910	Oleic Acid
PRIOLENE 6928	Oleic Acid
PRIOLENE 6929	Oleic Acid
PRIPURE™ 3759	Squalane
PRIPURE 3785	Diisostearyl Dilinoleate
PRIPURE 3786	Diisopropyl Dimer Dilinoleate
PRISORINE™ 2021	Isopropyl Isostearate
PRISORINE 2034	Propylene Glycol Isostearate
PRISORINE 2036	Ethylhexyl Isostearate
PRISORINE 2039	Isostearyl Isostearate
PRISORINE 2040	Glyceryl Isostearate
PRISORINE 2041	Trisostearin
PRISORINE 3501	Isostearic Acid
PRISORINE 3505	Isostearic Acid
PRISORINE 3515	Isostearyl Alcohol
PRISORINE 3630	Trimethylolpropane Trisostearate
PRISORINE 3631	Pentaerythrityl Tetraisostearate
PRISORINE 3644	Polyethylene Glycol 400 Monoisostearate
PRISORINE 3700	Polyglyceryl-3 Diisostearate
PRISORINE 3756	Hydrogenated Polyisobutene
PRISORINE 3791	Polyglyceryl-2 Monoisostearate
PRISORINE 3793	Polyglyceryl-2 Trisostearate
PRISORINE 3794	Polyglyceryl-2 Tetraisostearate
PRISTERENE™ 4900	Stearic Acid
PRISTERENE 4903	Stearic Acid (beads)
PRISTERENE 4905	Stearic Acid (flakes)
PRISTERENE 4910	Stearic Acid (flakes)
PRISTERENE 4911	Stearic Acid (flakes)
PRISTERENE 4916	Stearic Acid (flakes)
PRISTERENE 4917	Stearic Acid (liquid)
PRISTERENE 4922	Stearic Acid (flakes)
PRISTERENE 4943	Stearic Acid (flakes – long chain)
PRISTERENE 4960	Stearic Acid (flakes)

Product	INCI
PRISTERENE 9559	Stearic Acid (flakes)
PRISTERENE 9560	Stearic Acid (flakes)
PROMIDIUM™ 2	PPG-2 Hydroxyethyl Coco Isostearamide
PROMIDIUM CO	PPG-2 Hydroxyethyl Cocamide
RENEX™ 30	Trideceth-12
RENEX PEG 1500	PEG-32
RENEX PEG 4000 FL	PEG-75
RENEX PEG 6000 FL	PEG-150
SOLAVEIL™ CT-10W	Aqua (and) Titanium Dioxide, Isodeceth-6, Oleth-10, Aluminum Stearate, Alumina, Dimethicone (proposed)
SOLAVEIL CT-100	C12-15 Alkyl Benzoate, Titanium Dioxide, Polyhydroxystearic Acid, Aluminum Stearate, Alumina
SOLAVEIL CT-200	Titanium Dioxide, Isohexadecane, Triethylhexanol, Aluminum Stearate, Alumina, Polyhydroxystearic Acid
SPAN™ 20	Sorbitan Laurate
SPAN 40	Sorbitan Palmitate
SPAN 60	Sorbitan Stearate
SPAN 65V	Sorbitan Tristearate
SPAN 80V	Sorbitan Oleate
SPAN 85V	Sorbitan Trileate
SPECTRAVEIL™ FIN	Zinc Oxide, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid
SPECTRAVEIL IPM	Zinc Oxide, Isopropyl Myristate, Polyhydroxystearic Acid
SPECTRAVEIL MOTG	Zinc Oxide, Caprylic/Capric Triglyceride, Paraffinum Liquidum, Polyhydroxystearic Acid
SPECTRAVEIL QP	Zinc Oxide, Ethylhexyl Palmitate, Polyhydroxystearic Acid
SPECTRAVEIL TG	Zinc Oxide, Caprylic/Capric Triglyceride, Polyhydroxystearic Acid
SYNPERONIC™ PE/F 108	Poloxamer 338
SYNPERONIC PE/F 127	Poloxamer 407
SYNPERONIC PE/F 68	Poloxamer 188
SYNPERONIC PE/F 87	Poloxamer 237
SYNPERONIC PE/L 101	Poloxamer 331
SYNPERONIC PE/L 31	Poloxamer 101
SYNPERONIC PE/L 44	Poloxamer 124
SYNPERONIC PE/L 51	Poloxamer 181
SYNPERONIC PE/L 62	Poloxamer 182
SYNPERONIC PE/L 64	Poloxamer 184
TIOVEIL™ 50 FCM	Titanium Dioxide, C12-15 Alkyl Benzoate, Cyclomethicone, Alumina, Polyhydroxystearic Acid, Silica
TIOVEIL 50 FIN	C12-15 Alkyl Benzoate, Titanium Dioxide, Polyhydroxystearic Acid, Aluminum Stearate, Alumina

Product	INCI
TIOVEIL 50 GCM	Titanium Dioxide, Cyclomethicone, Ethylhexyldodecanol, Polyhydroxystearic Acid, Aluminum Stearate, Alumina
TIOVEIL 50 IPM	Isopropyl Myristate, Titanium Dioxide, Polyhydroxystearic Acid, Aluminum Stearate, Alumina
TIOVEIL 50 MOTG	Isopropyl Myristate, Titanium Dioxide, Polyhydroxystearic Acid, Aluminum Stearate, Alumina
TIOVEIL 50 OP	Ethylhexyl Palmitate, Titanium Dioxide, Polyhydroxystearic Acid, Aluminum Stearate, Alumina
TIOVEIL 50 TG	Caprylic/Capric Triglyceride, Titanium Dioxide, Polyhydroxystearic Acid, Aluminum Stearate, Alumina
TIOVEIL AQ-G	Aqua, Titanium Dioxide, Alumina, Silica, Sodium Polyacrylate
TIOVEIL AQ-N	Aqua, Titanium Dioxide, Alumina, Silica, Sodium Polyacrylate
TIOVEIL AQ-P	Aqua, Titanium Dioxide, Propylene Glycol, Alumina, Silica, Sodium Polyacrylate
TIOVEIL CM	Cyclomethicone, Titanium Dioxide, Dimethicone Copolyol, Aluminum Stearate, Alumina
TIOVEIL FIN	C12-15 Alkyl Benzoate, Titanium Dioxide, Alumina, Polyhydroxystearic Acid, Silica
TIOVEIL FPT	Titanium Dioxide, C12-15 Alkyl Benzoate, Phenyl Trimethicone, Alumina, Polyhydroxystearic Acid, Silica
TIOVEIL IPM	Isopropyl Myristate, Titanium Dioxide, Alumina, Polyhydroxystearic Acid, Silica
TIOVEIL MOTG	Titanium Dioxide, Caprylic/Capric Triglyceride, Mineral Oil (Paraffinum Liquidum), Alumina, Polyhydroxystearic Acid, Silica
TIOVEIL OP	Ethylhexyl Palmitate, Titanium Dioxide, Alumina, Polyhydroxystearic Acid, Silica
TIOVEIL TG	Caprylic/Capric Triglyceride, Titanium Dioxide, Alumina, Polyhydroxystearic Acid, Silica
TIOVEIL TGOP	Titanium Dioxide, Caprylic/Capric Triglyceride, Ethylhexyl Palmitate, Alumina, Polyhydroxystearic Acid, Silica
TWEEN™ 20	Polysorbate 20
TWEEN 21	Polysorbate 21
TWEEN 40	Polysorbate 40
TWEEN 60V	Polysorbate 60
TWEEN 61V	Polysorbate 61
TWEEN 65	Polysorbate 65
TWEEN 80	Polysorbate 80
TWEEN 81	Polysorbate 81
TWEEN 85V	Polysorbate 85



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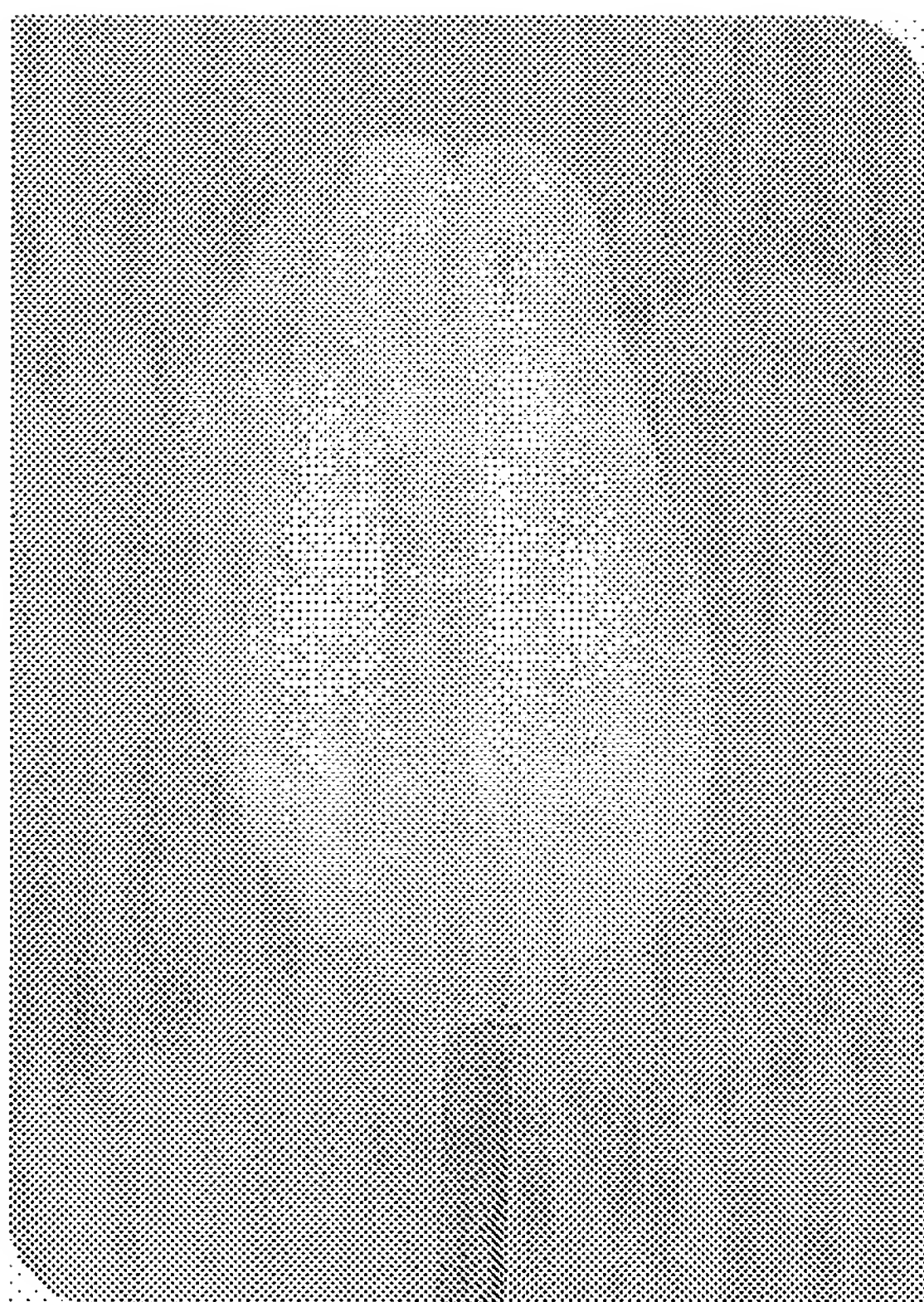


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uniQema



Estol™ 3609

Triethylhexanoin

Formulation examples

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Contents

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(SPF15 – UVA 2-star)
2. **W/O Nourishing body butter** **WI 2050-053/1**
3. **O/W Body yogurt** **WI 2043-150/1**
4. **W/O Sun lotion (SPF 15)** **WI 2052-024**
5. **O/W Skin toning lotion with liquid crystals** **EV 2017-58/1**
6. **O/W Sprayable body milk** **EV 1770-46/1**

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1. O/W Mineral sun cream (SPF15, UVA 2-star)

WI 2047-021

INGREDIENT	INCI NAME	% w/w
A		
Lanette 18	Stearyl alcohol	2.00
PRISORINE™ 2021	Isopropyl Isostearate	5.00
ESTOL 3609	Triethylhexanoin	5.00
TWEEN™ 60V	Polysorbate 60	2.00
ARLAMOL™ HD	Isohexadecane	7.50
SOLAVEIL™ CT-200	Titanium Dioxide, Isohexadecane, Triethylhexanoin, Aluminum Stearate, Alumina, Polyhydroxystearic Acid	15.00
B		
Water	Water	54.70
Keltrol RD (E)	Xanthan Gum	0.20
Veegum Ultra	Magnesium Aluminum Silicate	0.60
ARLATONE™ LC	Sorbitan Stearate, Sorbityl Laurate	2.50
Rewoderm S1333	Disodium Ricinoleamide MEA-Sulfosuccinate	0.20
Sodium Lactate 50% solution	Sodium Lactate	0.40
Propylene Glycol	Propylene Glycol	4.00
C		
Npeguard BPX	Phenoxyethanol, Methylparaben, 2-Bromo-2-Nitropropane-1,3-Diol, Propylparaben	0.70

PROCEDURE

1. Disperse the Keltrol RD (E) and Veegum Ultra into phase B water and heat to 80 °C
2. Add Arlatone LC with moderate stirring until homogenous
3. Homogenize phase B for 30 seconds and leave to swell at 80 °C for 30 minutes
4. Add remaining phase B ingredient, maintaining temperature at 80 °C
5. Heat phase A items to 80 °C with stirring
6. Add A to B with intensive stirring
7. Homogenize for 1 minute
8. Cool with moderate stirring to 40 °C
9. Add C and stir/cool to room temperature

COMMENTS

Viscosity	14,000 mPa.s (Brookfield RVDV 1+, T-Bar D, 10 rpm, 1 minute)
pH	7.20
In-Vitro SPF	15-18
UVA/UVB ratio	0.49

2. W/O Nourishing body butter

WI 2050-053/1

INGREDIENT	INCI NAME	% w/w
A		
ARLACEL™ P-135	PEG-30 Dipolyhydroxystearate	3.00
ESTASAN™ GT8-60 3575	Capric/Caprylic Triglyceride	13.00
ESTOL 3609	Triethylhexanoic	5.00
DC 245 Fluid	Cyclopentasiloxane	5.00
Beeswax, white	Beeswax	5.00
Microcrystalline Wax AEC 4386 MH	Microcrystalline wax	4.00
Bempne Gel IN/V	C12-15 Alcohol Benzoate, Stearalkonium Hectorite, Propylene Carbonate	10.00
DC 9040 Silicone Elastomer blend	Cyclopentasiloxane Dimethicone Crosspolymer	2.00
MONASIL * PCA	PCA Dimethicone	2.00
Aerosil R 972	Silica Dimethyl Silylate	1.00
B		
Water	Water	46.80
PRIGERINE™ 9091	Glycerin	1.50
Magnesium Sulfate Heptahydrate	Magnesium Sulfate Heptahydrate	0.70
Germaben II	Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben	1.00

PROCEDURE

1. Combine phase A items except Arlacel P-135, stir then add Arlacel P135
2. Combine phase B items
3. Heat phases A and B to 80°C
4. Add phase B to A with fast stirring
5. Homogenize for 1 minute
6. Stir/cool
7. Hot pour into jars at 50°C

3. O/W Body yogurt

WI 2043-150/1

INGREDIENT	INCI NAME	% W/W
A		
ESTOL 3609	Triethylhexanoin	5.00
DC 245 Fluid	Cyclopentasiloxane	5.00
ARLAMOL E	PPG-15 Stearyl Ether	2.00
Laurex CS	Cetearyl Alcohol	2.00
B		
Water	Water	77.79
ARLATONE V-175	Sucrose Palmitate, Glyceryl Stearate, Glyceryl Stearate Citrate, Sucrose, Mannan, Xanthan Gum	1.10
Veegum Ultra	Magnesium Aluminum Silicate	0.10
PRICERINE 9091	Glycerin	2.00
C		
A 201 Tudor Thyme (0.50% solution)	CI 17200	0.01
Confetti II FA Red	Water, Tocopheryl Acetate, Propylene Glycol, Petrolatum, Paraffin, Microcrystalline Wax, Phenoxyethanol, PVM/MA, Decadiene Crosspolymer, Triethanolamine, Methylparaben, Cocos Nucifera Oil, Red 30 Lake, Mica, Titanium Dioxide, Benzophenone	4.00
Phenonip	Phenoxyethanol, Methylparaben, Butylparaben, Ethylparaben, Propylparaben, Isobutylparaben	1.00

PROCEDURE

1. Disperse Arlatone V-175 and Veegum Ultra into phase B water with stirring, add Pricerine 9091
2. Heat phases A and B to 80°C
3. Add A to B with intensive stirring
4. Homogenize for 2 minutes
5. Cool to 40°C with intensive stirring
6. Add phase C items with gentle stirring

COMMENTS

Viscosity 82,700 mPa.s (Brookfield RVDV 1+, Spindle 3, 1rpm, 1 minute, 20°C)
 pH 6.32

4. W/O Sun lotion (SPF 15)

WI 2052-024

INGREDIENT	INCI NAME	% w/w
A		
ARLACEL P-135	PEG-30 Dipolyhydroxystearate	2.00
ARLAMOL HD	Isohexadecane	2.65
ARLAMOL E	PPG-15 Stearyl Ether	0.90
SOLAVEIL CI-200	Titanium Dioxide, Isohexadecane, Triethylhexanoate, Aluminum Stearate, Alumina, Polyhydroxystearic Acid	10.00
Cyclomethicone	Cyclomethicone	2.10
ESTOL 3609	Triethylhexanoate	5.60
B		
Water	Water	70.45
Magnesium Sulfate Heptahydrate	Magnesium Sulfate Heptahydrate	0.20
ATLAS * G-2330	Sorbeth-30	4.50
C		
Germaben II	Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben	1.00

PROCEDURE

1. Premix phases A and B and heat separately to 75-80°C, stir until homogenous
2. Add C to B with stirring
3. Slowly add B/C to A with fast stirring
4. Homogenize for 1 minute
5. Cool with fast stirring to room temperature

COMMENTS

Viscosity: 8600 mPa.s (Brookfield DV-II, T-Bar B, 10 rpm, 1 minute)
 In-Vitro SPF: 15-18

5. O/W Skin toning lotion with liquid crystals

EV 2017-58/1

INGREDIENT	INCI NAME	% w/w
A		
BRIJ™ 721P	Steareth-21	5.00
BRIJ 72	Steareth-2	1.00
PRISORINE 2034	Propylene Glycol Isostearate	15.00
ESTOL 3609	Triethylhexanoin	3.00
ARLATONE DIOIC DCA	Octadecenedioic Acid	2.00
B		
PRICERINE 9091	Glycerin	4.00
Keltrol	Xanthan Gum	0.20
Water	Water	59.10
C		
ARLASOLVE™ DMI	Dimethyl Isosorbide	10.00
D		
Nipaguard BPX	Phenoxyethanol, Methylparaben, 2-Bromo-2-Nitropropane-1,3-Diol, Propylparaben	0.70
E		
Potassium Hydroxide solution (10%)	Potassium Hydroxide	qs
PROCEDURE		
<hr/>		
1.	Disperse Keltrol in mixture of PRICERINE 9091 and water	
2.	Heat phase B to 80 °C	
3.	Combine ingredients of A and heat to 75 °C	
4.	Add E to A while stirring intensively (500rpm)	
5.	Homogenize for 2 minutes with Ultra Turrax	
6.	Mix in phase C while mixing at 400rpm	
7.	Allow to cool to room temperature while stirring at 50rpm and mix in D when below 40 °C	
8.	Adjust to pH 5-6 with Potassium Hydroxide solution	
COMMENTS		
<hr/>		
Viscosity	512mPa.s (1 week, Rheometer CS 50)	

6. O/W Sprayable body milk

EV 1770-46/1

INGREDIENT	INCI NAME	% w/w
A		
ESTOL 3609	Triethylhexanoic	10.00
PRIPURE® 3759	Squalane	5.00
PRISORINE 2021	Isopropyl Isostearate	5.00
B		
ARLATONE V-100	Steareth-100, Steareth-2, Glyceryl Stearate Citrate, Sucrose, Mannan, Xanthan Gum	1.00
Nipaquad BPX	Phenoxyethanol, Methylparaben, 2-Bromo-2-Nitropropane-1,3-Diol, Propylparaben	0.70
PRICERINE 9091	Glycerin	3.00
Water	Water	75.15
C		
Perfume AF27532	Parfum	0.15

PROCEDURE

1. Disperse Arlatone V-100 into the water with stirring for 10 minutes at room temperature
2. Add Glycerin and preservative
3. Add phase A to phase B while stirring
4. Homogenize for 2 minutes (Ultra Turrax)
5. Add C while stirring
6. Stir until homogeneous

COMMENTS

Viscosity 2,800 mPa.s (Brookfield RVDVI+, spindle RV2, rpm, 1 min)
pH 5.6

Ingredients suppliers

All materials in capitals are supplied by Uniqema. Other ingredients used in these formulations are supplied as detailed below

Trade name	Supplier
A201 Tudor Thyme	Kingfisher Colours
Aerosil R 972	Degussa
Beeswax (white)	The British wax refining Co Ltd
Bentone Gel TNV	Bentons Specialties
Constitit EA Red	S Black
Cyclomethicone	Dow Corning
DC 245 Fluid	Dow Corning
DC 9040 Silicone Elastomer Blend	Dow Corning
Germaben II	Sutton Laboratories
Ketrol	Kelco
Ketrol RD (E)	Kelco
Lanette 18	Cognis
Laurex CS	Huntsman
Magnesium Sulfate Heptahydrate	Merck
Microcrystalline Wax AES 4386 MH	A&E Connock
Nipaguard BPX	Garant
Phenonip	Garant
Propylene Glycol	Surfactum
Powderm S1333	Degussa
Sodium Lactate	Merck
Veegum Ultra	R.T. Vanderbilt Company

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